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crater and some of the rills was made from the L. O. negative of Sept. 22 and sent to Professor WEINEK on June 10. On June 15 I examined the region with the large telescope and sent Professor WEINEK a copy of my drawing. It shows the new crater as circular with an interior shadow. It seems to be situated in the exact centre of a raised mound (of its own lava?) On the edge of this mound is a companion crater also new. Other new features were seen and mapped, and they will be published in due time. E. S. H.]

APPOINTMENT OF DR. HENRY CREW AS ASTRONOMER IN THE
LICK OBSERVATORY.

The Regents of the University of California elected Dr. HENRY CREW, Instructor of Physics in Haverford College, as Astronomer in the Lick Observatory at their regular meeting of July 14, 1891. E. S. H.

PERMANENT IMPROVEMENTS AT MOUNT HAMILTON.

Observatory for the Crocker Photographic Telescope: A new observatory has been built to cover the WILLARD photographic lens ($a = 5.9$ inches, $f = 31$ inches) and its mounting by BRASHEAR, which have been presented to the Lick Observatory by Hon. C. F. CROCKER. The dome is ten feet in diameter, and attached to it is a photographic dark room, etc., about ten feet by eleven feet. The building has been placed on the slope of the hill a few feet south of HUYGHENS reservoir. This equatorial mounting is stout enough to carry an eight-inch refractor.

New Store House and Wood Shed on the Summit: The proposed improvements to the surroundings of the tomb of JAMES LICK make it necessary to provide a store house to contain various tools and pieces of apparatus (the electric lighting engine presented to the Lick Observatory by the EDISON Manufacturing Company, among others), and accordingly the Regents of the University have set apart the sum of \$1500 to provide for such a building, and for a wood shed, which is much needed. These buildings will be placed on the summit-plateau almost directly east of the 75-foot dome. E. S. H.

ERRATUM IN NEISON'S "MOON."

In the Map facing page 130 interchange the names *Autolychus* and *Aristillus*. E. S. H.